



**HIMANSHU TRIPATHI**

## PROFILE

Meticulous and highly accomplished Quality Control professional with over 1.6 year of experience in Power Train Division with expertise in the analysis of in-house & field complaints, documentation, parts checking and various Audits in engine department.

## CONTACT

PHONE:  
**9109476679**

EMAIL:  
**himanshutripathiktn@gmail.com**

## HOBBIES

Book Reading  
Singing  
Playing chess

## EDUCATION

**Course** – Polytechnic.  
**Branch** – Mechanical Engineering  
**COLLEGE** - Govt. Polytechnic College Katni M.P. (483501)  
University – RGPV (BHOPAL)  
2017 - 2020  
**Secured 6.58 CGPA in a 10-point scale**

**Higher Secondary (12<sup>th</sup>)**  
**School** -S.B.N. School Katni M.P. (483501)  
**Board** - MPBSE  
2016 - 2017  
**Secured 72.2 Percentage.**

**High School (10<sup>th</sup>)**  
**School** – Sacred Heart English Med. SR. SEC. School Katni M.P. (483501)  
**Board** - CBSE  
2013- 2014  
**Secured 5.8 CGPA**

## WORK EXPERIENCE

**Organization - Mahindra & Mahindra Pvt. Ltd. Nagpur Maharashtra**  
**Designation – Diploma Engineer Trainee.**  
**From October 2020 – April 2022 (1.6 Years)**  
**Working Area – Manufacturing Quality Assurance at Engine Assembly Plant (Engine MQA)**

- Ensured quality control on Engine Assembly & Engine Testing of Tractor, Genset, Industrial application engine & export engine.
- Analyzed in-process inspection, process control activity, scrap rates and customer complaint levels, recommended corrective actions to decrease process errors and number of reported issues.
- Carried out root cause analysis, risk assessment, mitigation and FMEAs & a part of providing critical quality engineering directions to some critical projects.
- Established new and streamlined existing standard procedures, increasing work efficiency by 25% and reducing rework projects.
- Collaborated with cross functional team during new engine production, design verification, trial runs and process validation and optimization with 100% accuracy & a vision to make first time right.
- Improved existing manufacturing processes using KAIZEN and reducing recurring issues by more than 45%.
- Implemented Poka-Yoke for continuous quality improvement using (CIT)
- Used various gauges (vernier caliper, Torque meter etc.) and studied engineering drawings during new engine production.

**Organization – Himalayan Auto Era India Pvt. Ltd.**

**Designation – Quality supervisor**  
**From – March (2023) – Present**  
**Working Area – Manufacturing Quality Assurance**

- **Final inspection of the machined parts**

- **Checking of parts using Air plug gauge, Height gauge, & vernier caliper**
- **Making pareto charts for inhouse rejection analysis.**

## **PROJECTS HANDLED**

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- Engine compression leakage.
- Engine rocker Arm oil not coming.
- Engine seizure & high Blow By.

- Liner Crack Issue.
- Water leak testing connecting with SCADA.
- Establishment of Water leak testing, ROSR leak testing & Front cover leak testing machine and their interlocking with SCADA
- Oil pressure not develop issue.

## ACHIEVEMENTS

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- Awarded for Good analysis in POWEROL return engine and testing rework.
- Awarded-find out engine short cycle issue through CCTV footage.
- Appreciation for solving critical quality issue in assembly line.

## SKILLS

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Sr. No.	Skill
1	MS Office
2	5 'S'
3	KAIZEN
4	7QC TOOLS
5	FMEA
6	PYTHON